=> d his

(FILE 'HOME' ENTERED AT 16:11:16 ON 13 AUG 1999)

FILE 'MEDLINE' ENTERED AT 16:11:35 ON 13 AUG 1999

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L1        502823 S GENE
L2          5563 S CDNA SEQUENCE
L3        520523 S DNA
L4          1883 S AGE-1
L5            83 S L1 AND L4
L6        228008 S L1 AND L3
L7          3725 S L1 AND L2
L8            83 S L5
L9             0 S AGE-1 CDNA
L10            0 S AGE-1 DNA
L11            0 S AGE-1 ENCODING SEQUENCES
L12            0 S AGE-1 GENE EXPRESSION
L13            0 S AGE-1 MODULATORY COMPOUNDS
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FILE 'CAPLUS' ENTERED AT 16:18:26 ON 13 AUG 1999

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L16            0 S L10
L17            0 S L11
L18            0 S L12
L19            0 S L13
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=> d l15 bib abs

L15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 1999 ACS
AN 1998:112439 CAPLUS
DN 128:176971
TI AGE-1 polypeptide and gene of Caenorhabditis elegans and its therapeutic uses for longevity
IN Ruvkun, Gary; Morris, Jason; Tissenbaum, Heidi
PA General Hospital Corp., USA
SO PCT Int. Appl., 54 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9805761	A1	19980212	WO 1997-US13914	19970807

W: CA, CN, JP, KR
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
PRAI US 1996-23382 19960807

AB Disclosed are substantially pure AGE-1 polypeptides and purified DNAs, vectors, and cells encoding those polypeptides. Age-1 is a key gene in the neuroendocrine pathway of Caenorhabditis elegans whose activity is required for both non-arrested development and normal senescence. Age-1 encodes a member of the p110 family of phosphatidylinositol 3-kinase catalytic subunits. Decreased AGE-1 mediated phosphatidylinositol(3,4,5) triphosphate signaling appears to lead to increased longevity, whereas complete lack of this signaling leads to developmental arrest. The AGE-1 cDNA contains an open reading frame encoding 1146 amino acid residues. Also disclosed are methods for detg. longevity and isolating antagonists using the AGE-1 sequence.

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     (FILE 'HOME' ENTERED AT 16:11:16 ON 13 AUG 1999)

     FILE 'MEDLINE' ENTERED AT 16:11:35 ON 13 AUG 1999
L1        502823 S GENE
L2          5563 S CDNA SEQUENCE
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L4          1883 S AGE-1
L5            83 S L1 AND L4
L6        228008 S L1 AND L3
L7          3725 S L1 AND L2
L8            83 S L5
L9             0 S AGE-1 CDNA
L10            0 S AGE-1 DNA
L11            0 S AGE-1 ENCODING SEQUENCES
L12            0 S AGE-1 GENE EXPRESSION
L13            0 S AGE-1 MODULATORY COMPOUNDS

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=> d l15 bib abs
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=> d his

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     (FILE 'USPAT' ENTERED AT 16:25:55 ON 13 AUG 1999)
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L5             0 S AGE-1 ENCODING SEQUENCES
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L7          2902 S 536/23.1/CCLS
L8           746 S 514/44/CCLS
L9             0 S 435/320.1
L10         6214 S 435/320.1/CCLS
L11         1808 S 435/325/CCLS
L12          331 S 435/375/CCLS
L13          231 S 424/9.1/CCLS
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L15            0 S L3 AND L8
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L18            0 S L3 AND L12
L19            0 S L1 AND L12
L20            2 S L1 AND L11
L21            3 S L1 AND L10
L22            1 S L1 AND L8
L23            1 S L1 AND L7
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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y

U.S. Patent & Trademark Office LOGOFF AT 16:42:16 ON 13 AUG 1999